

Claims

1. Littrow grating with a multiplicity of parallel
 5 diffraction structures succeeding one another periodically,
 which are arranged on a support defining a base area and
 each incorporate a blaze flank inclined towards the base
 area substantially at the Littrow angle and a counter-
 flank, wherein the blaze flank and the counter-flank form
 10 at the apex of a diffraction structure an apex angle which
 is less than 90° ,

characterised in that

15 the counter-flank (6) comprises at least two substantially
 plane area sections (7, 8) which, bordering one another and
 inclined relative to one another by an angle of inclination
 (β), extend parallel with the extension direction of the
 diffraction structure (3), wherein due to the inclination
 20 of the at least two area sections (7, 8) relative to one
 another the counter-flank (6) all in all exhibits a concave
 surface viewed from the light incidence side.

2. Littrow grating according to claim 1, characterised in
 25 that the area sections (7, 8) exhibit a width ratio of 0.5
 to 2 measured normal to the extension direction of the
 diffraction structures (3).

3. Littrow grating according to claim 1 or 2,
 30 characterised in that the angle of inclination (β) lies in
 the range from 90° to 150° .

Claim 1

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claim 1

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slam 1

25

slam

1. The first step is to identify the problem. This involves understanding the symptoms and the context in which they are occurring.

slam 1

2nd

[illegible]